Sandy
PUBLIC UTILITIES

STANDARD DETAIL

FIGURE_10

4" OR LARGER WATER METER PIPING AND METER VAULT

SCALE: NONE

NOTE: NO SPRINKLER CONNECTION OR BACK FLOW DEVICES WILL BE ALLOWED IN METER BOX.

SIDE VIEW (SCHEMATIC)

PIPE SIZE VARIES

WALL

4" CLEAR

PLACE 3/4" PLYWOOD OUTSIDE OF VAULT AROUND PIPE TO BLOCK OUT DIRT. FILL ANNULAR SPACE WITH POLYURETHANE FOAM (BOTH SIDES)

18" MIN.

WHEEL VALUE

M.A. INDUSTRIES, INC. PSI-PF OR EQUAL.

ACCESS STEPS @ 12" O.C.

18"x18"x4" CONCRETE PAD (THREE REQUIRED)

GRAVEL FLOOR

36" TO 42"

18"x18"x4" CONCRETE PAD (THREE REQUIRED)

6" MIN

6'x8' METER VAULT (INSIDE DIAMETER)

ACCESS M.H. & LID ("METER" IMPRINTED IN COVER)

FINISH GRADE

PLAN VIEW (SCHEMATIC)

METER VAULT

12" MIN.

12" MIN.

12" MIN.

30" MIN.

ACCESS M.H. & LID

ACCESS STEPS

1 — 4" RESILIENT WEDGE GATE WITH WHEEL

2 — SENSUS OMNI C^2 METER WITH ELECTRONIC AMR REGISTER

3 — SCREW JACK PIPE SUPPORT (SEE STANDARD DETAIL FIG. 11) 3 REQUIRED

4 — 4" FLG 90° BENDS

5 — 4" X 4" FLG TEES

6 — 4" DUCTILE IRON SOLID SLEEVE WITH MEGALUGS (MJxMJ)

7 — 4" X 12" FLG SPOOLS

7A — 4" FLG X PE SPOOLS

8 — CONCRETE APRON: 12" MIN, 15" MAX, 4"-6" THICK

NOTES:

1 — ALL PIPING TO BE D.I CLASS 350. ALL FITTINGS TO BE FLANGED.

2 — ALL METER BOXES TO BE STRUCTURALLY DESIGNED FOR HS 20 LOADING, 24" RING & LID TO BE HS 20 LOADING

3 — NO GRADE RINGS WILL BE ALLOWED TO ADJUST ELEVATION LID SHALL NOT BE THE LOW POINT IN LANDSCAPING

4 — GRAVEL FLOOR SHALL BE A MIN. OF 18" THICK

5 — IF THIS IS FOR LANSCAPE METER ONLY — REMOVE BYPASS AND INSTALL BLIND FL ON TEES